

**Fourth Grade Math Investigations Alignment – NC Check-Ins**  
**A Year at a Glance 2017 – 2018**

Math Investigations Unit		Time Frame	CC Math Standards
Quarter 1	<u>Addition, Subtraction, and the Number System</u> <b>Unit 5 – Landmarks and Large Numbers</b> <u>Investigation 1:</u> How Much is 1,000? <u>Investigation 2:</u> Adding It Up <u>Investigation 3:</u> Working with Numbers to 10,000 <u>Investigation 4:</u> Subtraction	August 28 – September 15 3 weeks	4.NBT.1 <b>4.NBT.2</b> 4.NBT.3 4.NBT.4 <b>4.OA.3</b>
	<u>Multiplication</u> <b>Unit 1 – Factors, Multiples, and Arrays</b> <u>Investigation 1:</u> Representing Multiplication with Arrays <u>Investigation 2:</u> Multiplication Combinations <u>Investigation 3:</u> Finding Factors <b>Unit 3 – Multiple Towers and Division Stories</b> <u>Investigation 1:</u> Breaking Apart Multiplication Problems <u>Investigation 3:</u> Multiplying 10s <u>Investigation 4:</u> Strategies for Multiplication <b>Unit 8 – How Many Packages? How Many Groups?</b> <u>Investigation 1:</u> Multiplication with 2-Digit Numbers <u>Investigation 2:</u> Strategies for Multiplication	September 18 – October 20 5 weeks	4.OA.1 <b>4.OA.2</b> 4.OA.4 <b>4.NBT.5</b>
	<u>Division</u> <b>Unit 3 – Multiple Towers and Division Stories</b> <u>Investigation 2:</u> Division <b>Unit 8 – How Many Packages? How Many Groups?</b> <u>Investigation 3:</u> Solving Division Problems	October 23 – November 21 4 weeks	<b>4.NBT.6</b> <b>4.OA.3</b>
Quarter 2	<u>Geometry</u> <b>Unit 4 – Size, Shape, and Symmetry</b> <u>Investigation 2:</u> Polygons of Many Types	November 27 – December 8 2 weeks	<b>4.G.2</b> <b>4.MD.3</b>
	<u>Fractions and Decimals</u> <b>Unit 6 – Fraction Cards and Decimal Squares</b> <u>Investigation 1:</u> Parts of Rectangles <u>Investigation 2:</u> Ordering Fractions <u>Investigation 3A:</u> Multiplying Fractions <u>Investigation 3:</u> Working with Decimals	December 11 – February 23 9 weeks	<b>4.NF.1</b> <b>4.NF.2</b> <b>4.NF.3</b> <b>4.NF.4</b> <b>4.NF.5</b> 4.NF.6 4.NF.7
Quarter 3	<u>Geometry</u> <b>Unit 4 – Size, Shape, and Symmetry</b> <u>Investigation 2:</u> Polygons of Many Types <u>Investigation 4:</u> Finding Area (Symmetry)	February 26 – March 9 2 weeks	<b>4.G.1</b> 4.G.2 4.G.3

\*Standards in red denote standards that will be assessed on the NC Math Check-Ins.

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<b>Quarter 4</b>	<u>Measurement</u> <b>Unit 4 – Size, Shape, and Symmetry</b> <u>Investigation 1:</u> Linear Measurement <b>Unit 7 – Moving Between Solids and Silhouettes</b> <u>Investigation 3:</u> Measurement Equivalents (3.5A – 3.5B)	March 12 – March 29 3 weeks	<b>4.MD.1</b> <b>4.MD.2</b> 4.MD.3 <b>4.MD.4</b>
	<u>Geometry and Measurement</u> <b>Unit 4 – Size, Shape, and Symmetry</b> <u>Investigation 3:</u> Measuring Angles	April 9 – April 20 2 weeks	<b>4.MD.5</b> <b>4.MD.6</b> <b>4.MD.7</b> 4.G.1, 4.G.2
	<u>Algebraic Patterns</u> <b>Unit 9 – Penny Jars and Plant Growth</b> <u>Investigation 2:</u> Penny Jars and Towers	April 23 – April 27 1 week	<b>4.OA.5</b>
	<b>Review &amp; EOG Tests</b>	April 30 – June 8 6 weeks	

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